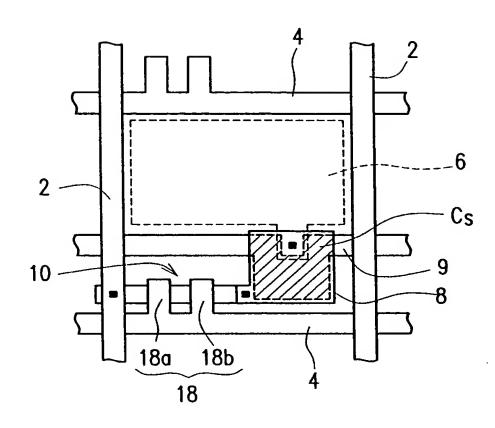
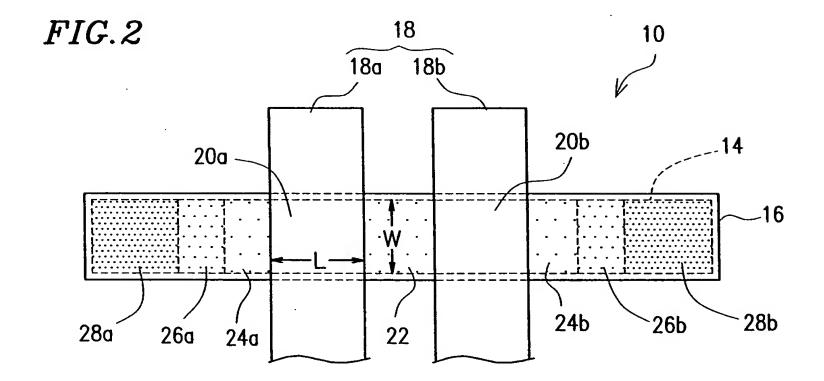


Inventor: UEDA SN 10/020,440/Sheet 1 of 12 Atty. Dkt.: 4034-5

*FIG.* 1

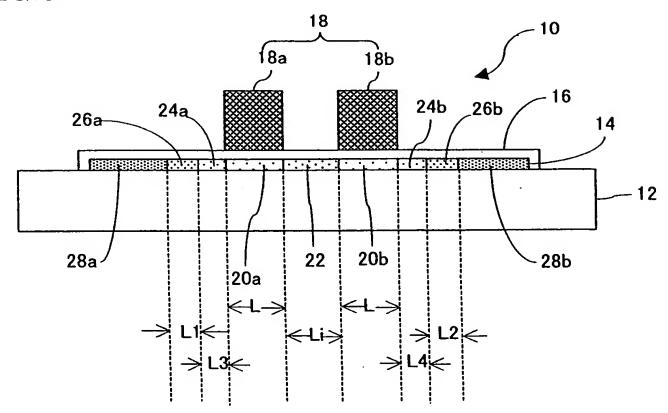


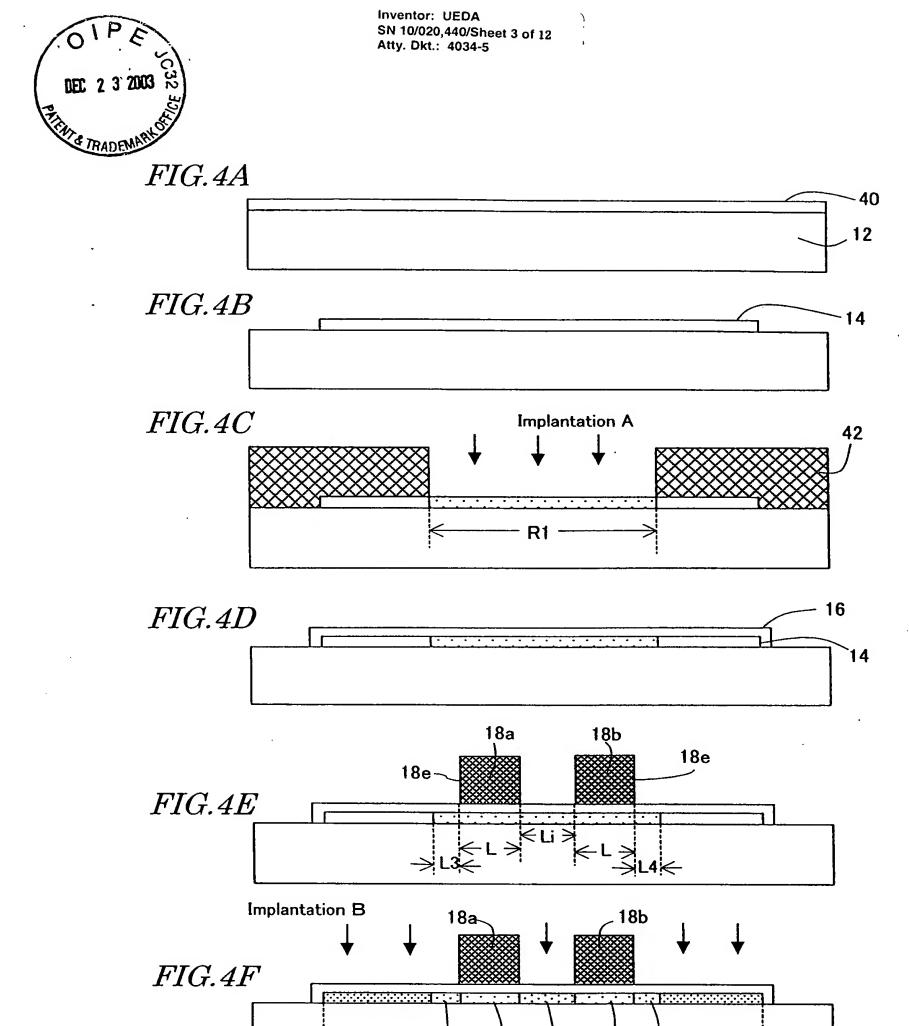


DEC 2 3 2003 CONTRACTOR TRADEMARK

Inventor: UEDA SN 10/020,440/Sheet 2 of 12 Atty. Dkt.: 4034-5

FIG.3





22

R2

20a

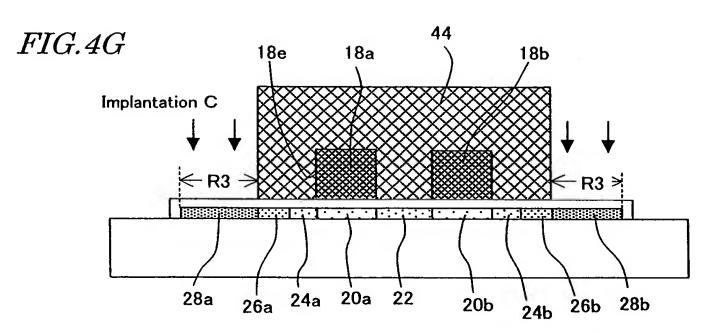
24a

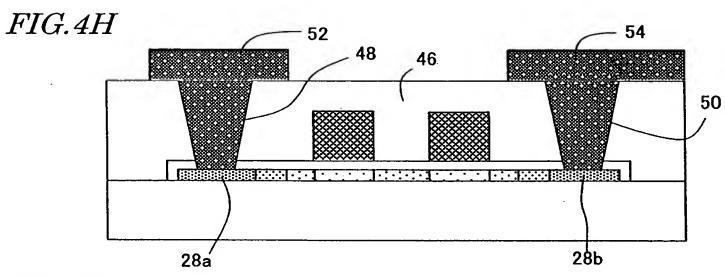
20b

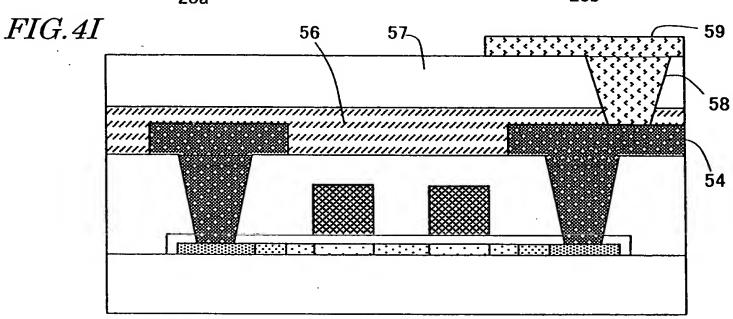
24b

Inventor: UEDA SN 10/020,440/Sheet 4 of 12 Atty. Dkt.: 4034-5



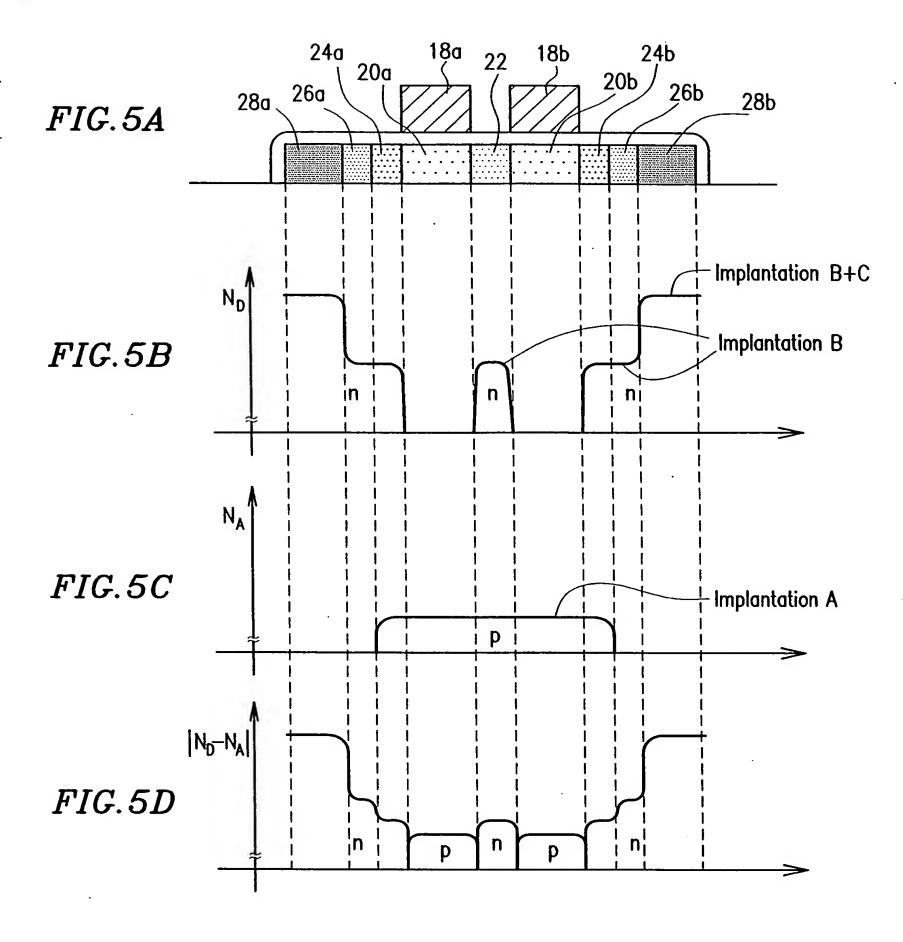








Inventor: UEDA SN 10/020,440/Sheet 5 of 12 Atty. Dkt.: 4034-5





Inventor: UEDA SN 10/020,440/Sheet 6 of 12 Atty. Dkt.: 4034-5

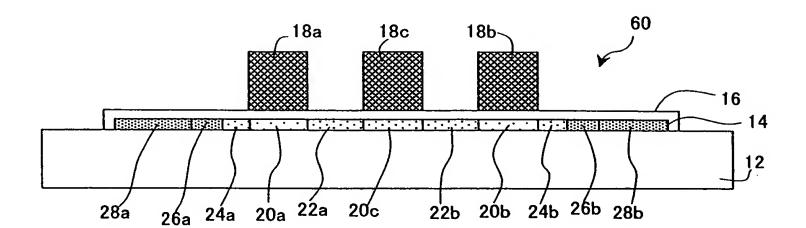
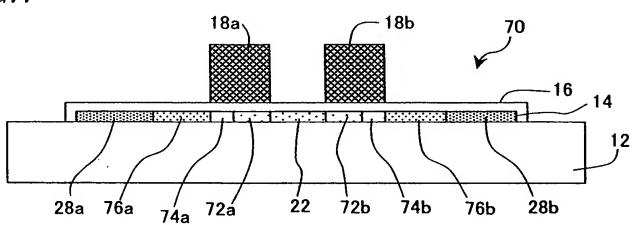
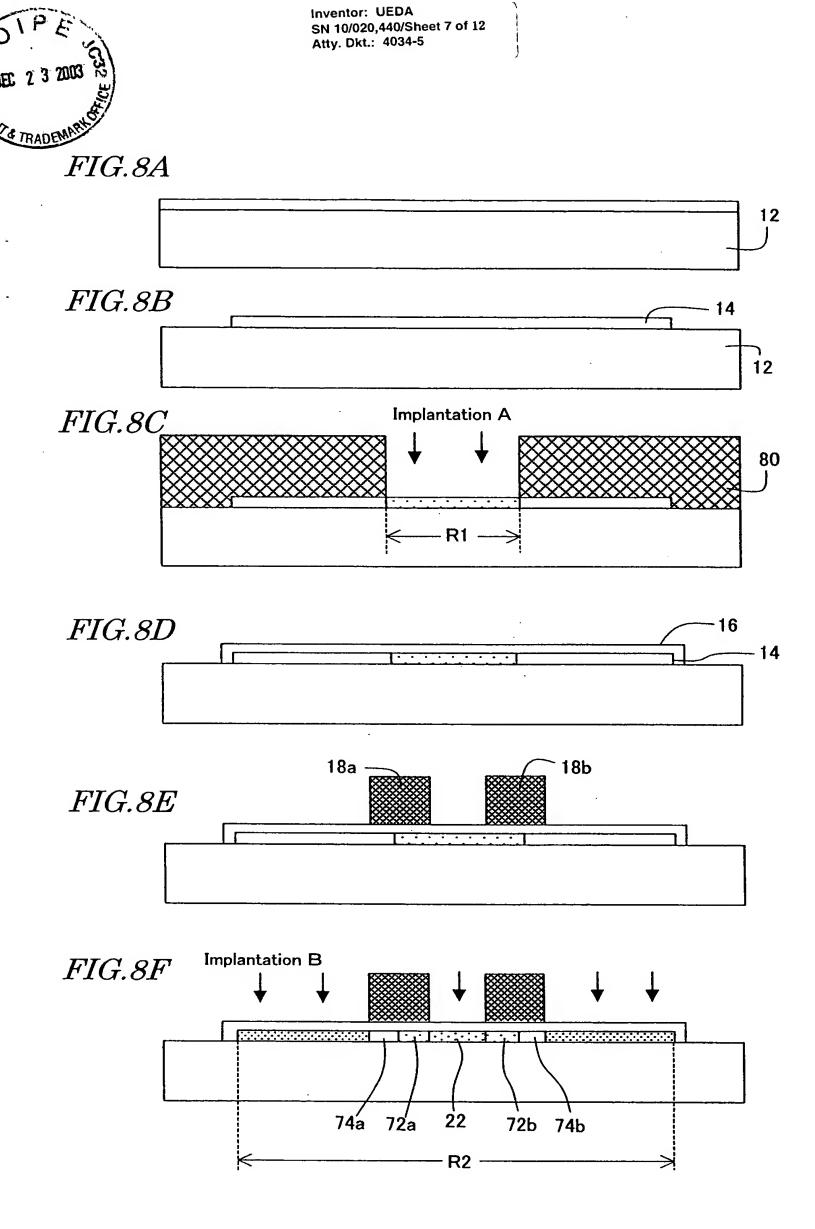


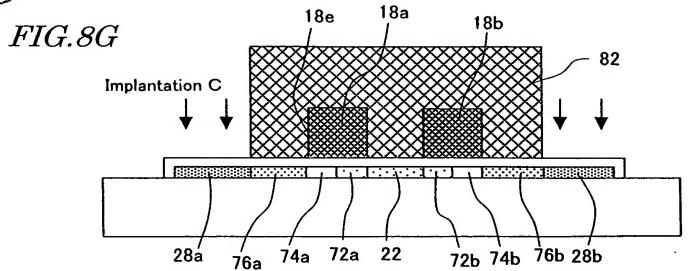
FIG. 7

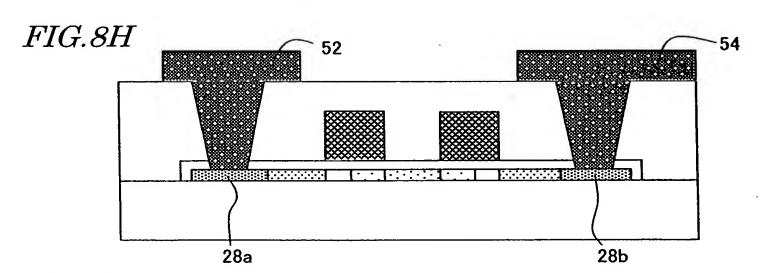


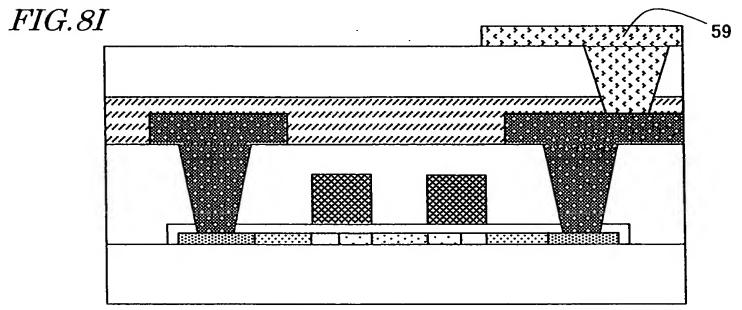


Inventor: UEDA SN 10/020,440/Sheet 8 of 12 Atty. Dkt.: 4034-5



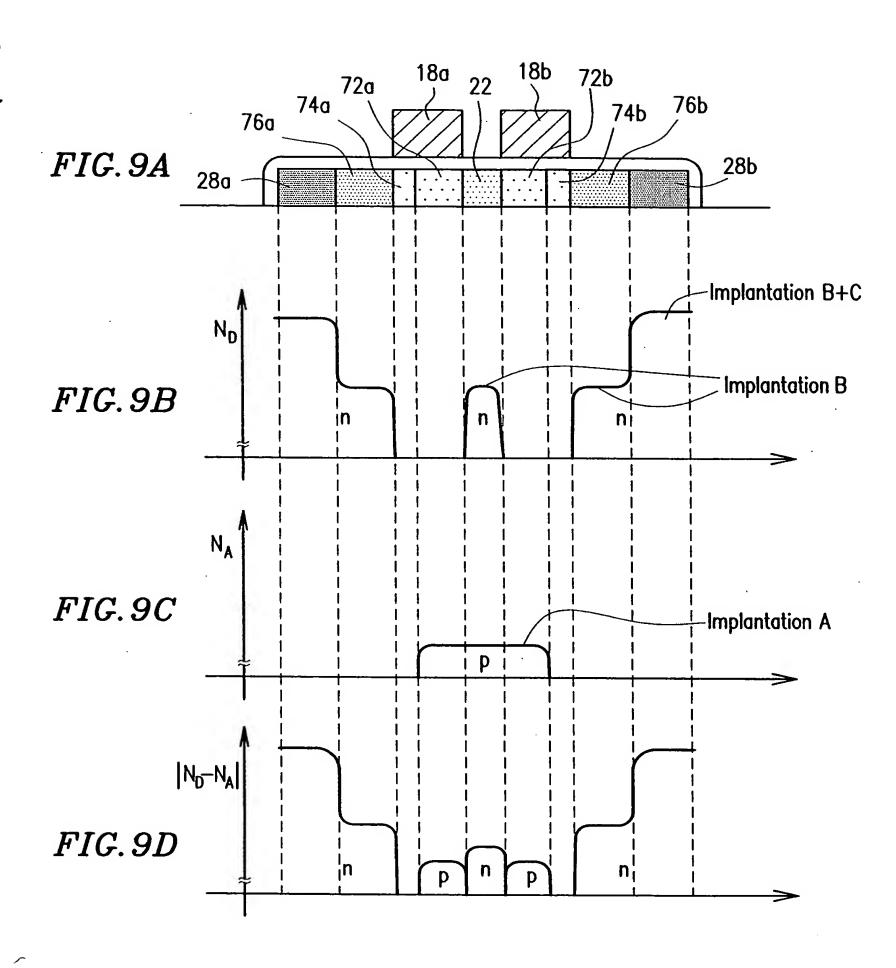






Inventor: UEDA SN 10/020,440/Sheet 9 of 12 Atty. Dkt.: 4034-5

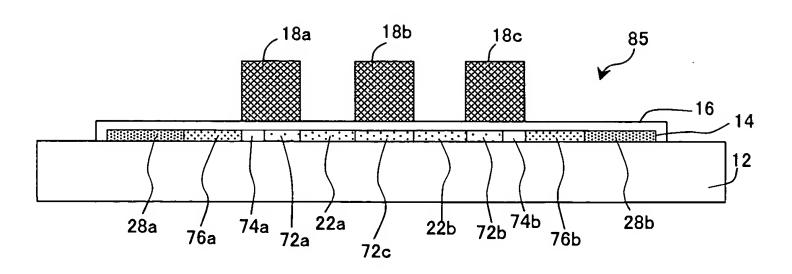


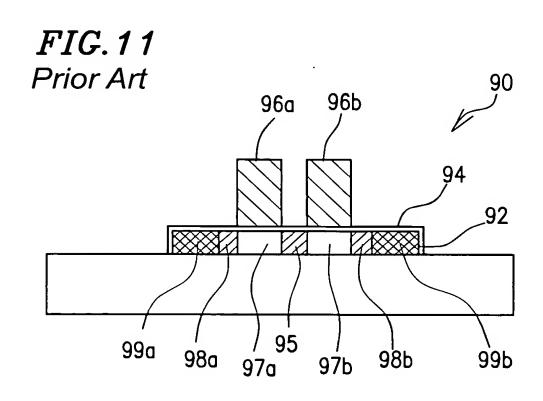




Inventor: UEDA SN 10/020,440/Sheet 10 of 12 Atty. Dkt.: 4034-5

FIG.10







Inventor: UEDA SN 10/020,440/Sheet 11 of 12 Atty. Dkt.: 4034-5

FIG. 12A
Prior Art

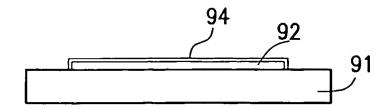


FIG. 12B Prior Art

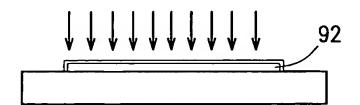


FIG. 12C Prior Art

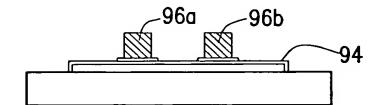


FIG. 12D Prior Art

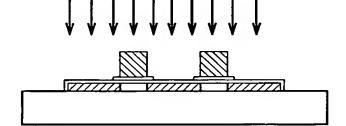


FIG. 12E
Prior Art

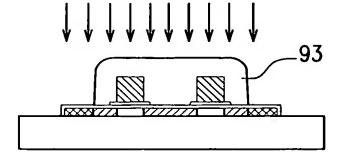


FIG. 12F
Prior Art

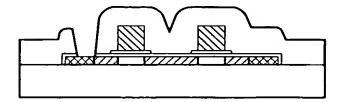
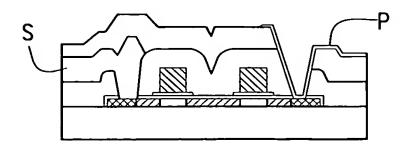


FIG. 12G
Prior Art





Inventor: UEDA SN 10/020,440/Sheet 12 of 12 Atty. Dkt.: 4034-5

FIG. 13

